Peak District National Park

Forecast valid from 00:00 on Friday 06 May 2022 until 23:59 on Saturday 07 May 2022

Forecast Issued on Thursday 05 May 2022 at 14:08

Confidence: High for overall theme, low confidence in mist/fog formation each morning.

Headline for Friday 06 May 2022: Cloudy but dry during the morning, rain arriving during the afternoon.

Mountain weather hazards on Friday 06 May 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny intervals	Sunny intervals	Cloudy	Light rain	Heavy Rain	Light rain
Precipitation probability							
00%	00%	10%	10%	20%	40%	70%	50%

Forecast for Friday 06 May 2022

Weather: Clear skies for many areas during the early hours will allow shallow mist and fog patches to form in valleys, these clearing shortly after dawn. Low cloud steadily forming across the park during the morning, most extensive on western facing slopes and the best of any morning sunshine in any sheltered eastern areas. By afternoon, this cloud becomes overcast with outbreaks of rain, turning heavy from later afternoon until early evening with cloud lowering below the summits. Late into the evening the rain and low cloud will clear but mist and fog patches may linger through the night.

Chance of cloud-free hill tops above 600m: 90% in the early hours, decreasing to 50% early in the morning. Increasing briefly early afternoon before deteriorating to 30% in rain and low cloud.

Low cloud and visibility: Poor visibility in mist and fog patches around dawn. Moderate to good through much of the day, deteriorating to poor briefly in the morning as cloud forms around 500-600m and late afternoon as cloud base lowers to 300-400m in heavy frontal rain.

Forecast for Friday 06 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 SW	13/18 SW	16/21 SW	20/27 SW	22/29 W	18/25 W	14/19 W	11/15 W	10/16 W
300	8/12 SW	8/14 SW	10/15 SW	15/21 SW	17/25 SW	14/21 W	10/16 W	8/13 W	8/12 W
Valley	3/10 S	4/13 SW	6/14 SW	10/19 SW	13/25 SW	11/22 W	8/16 W	6/13 W	4/10 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	8/5	8/4	10/6	10/6	10/6	9/6	8/5	7/4
300	11/9	10/8	10/8	12/9	13/10	12/9	11/9	10/8	9/7
Valley	10/10	10/9	10/9	13/11	14/12	12/10	11/10	10/9	9/8
Freezing Level*	2100m	2100m	2200m	2200m	2100m	2200m	2000m	1900m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather mixed day with a chance of high UV levels in any cloud breaks during the morning, but challenging conditions expected from late afternoon with many summits covered in cloud and becoming slippery underfoot with heavy rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 05 May 2022	0.8mm	9.8mm	18mm

Forecast for Saturday 07 May 2022

Weather: Variable amounts of cloud in the early hours of the morning with some fog patches possible once again, these clearing around dawn. Sunny spells during the morning as fair weather cloud develops, feeling warmer than Friday with a light northerly wind. High cloud thickening late in the day to give some hazy sunshine, possibly some patchy low cloud forming in the east after dark.

Maximum wind: North-northwesterly 8mph gusting 15mph

Chance of cloud-free hill tops above 600m: 100% through the day, falling to 70% in the evening.

Low cloud and visibility: Generally good visibilities through the day, although poor around dawn in mist and fog patches. Poor visibilities again over summits in the evening with low cloud base around 400m.

Temperature: **Valleys:** Plus 6 Celsius increasing to 15 Celsius.
At 600m: Plus 9 Celsius
Freezing level: Above summits.